

Fig. 1

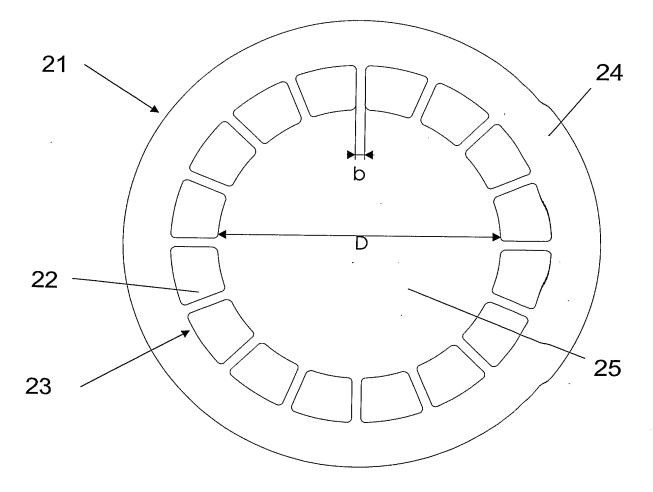


Fig. 2



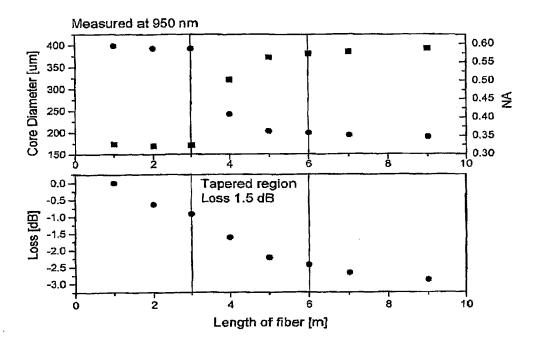


FIG. 3

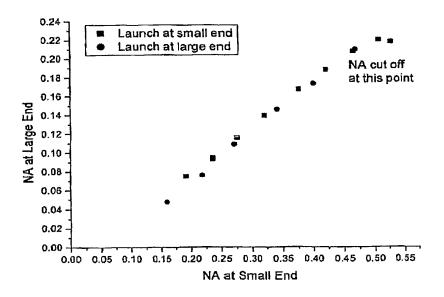


FIG. 4

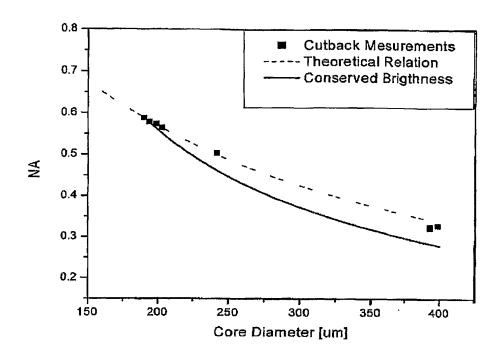


FIG. 5

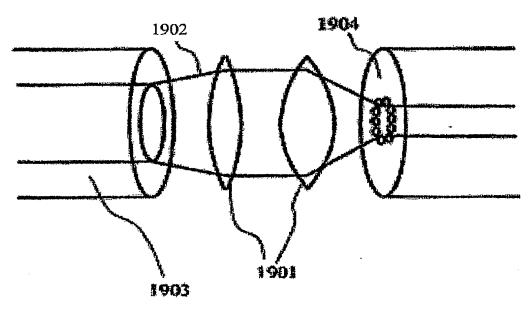
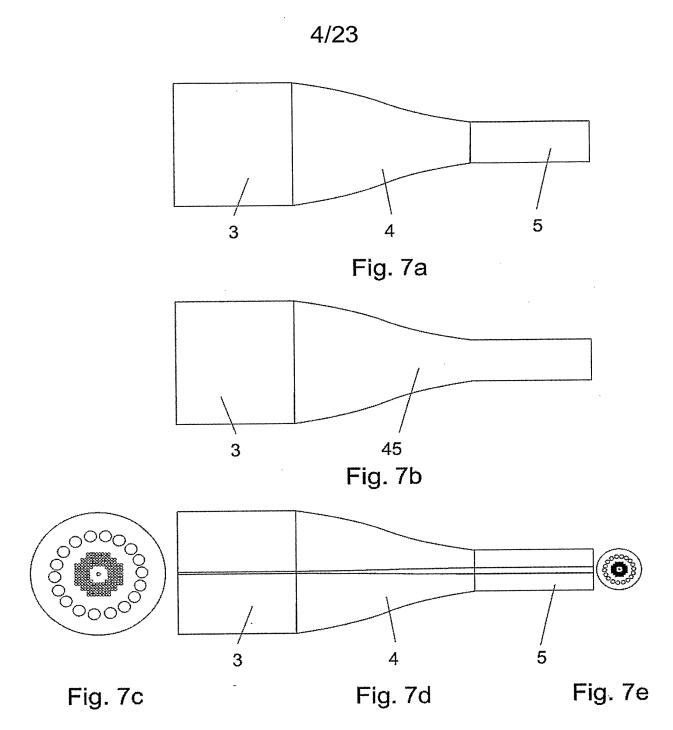
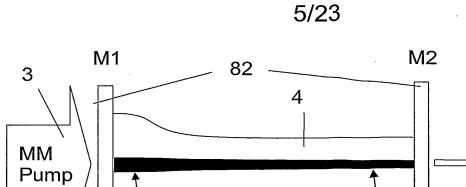


Fig. 6





Doped Core Doped Core (slightly multimode) (single mode)

**SM Lasing** 

Fig. 8

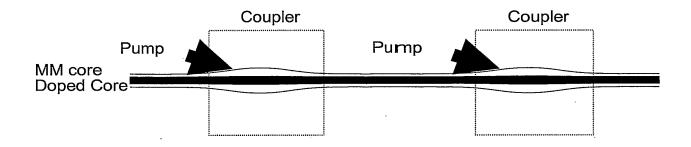


Fig. 9

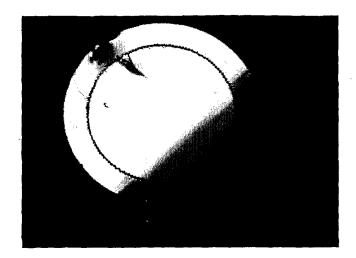


Fig. 10a

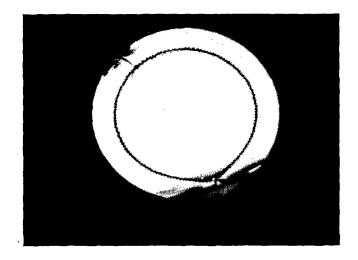


Fig. 10b

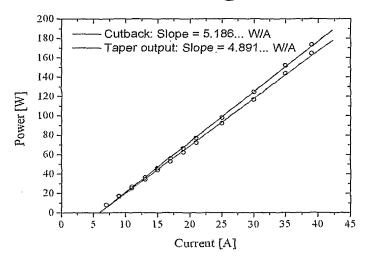


FIG. 10c

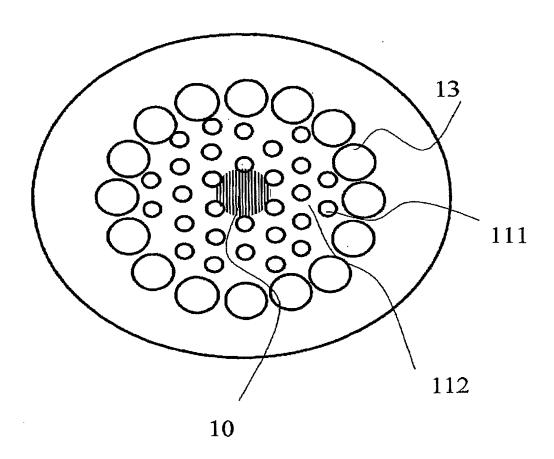


FIG. 11

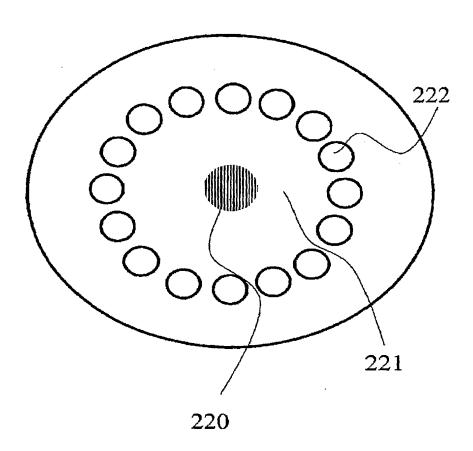


FIG. 12

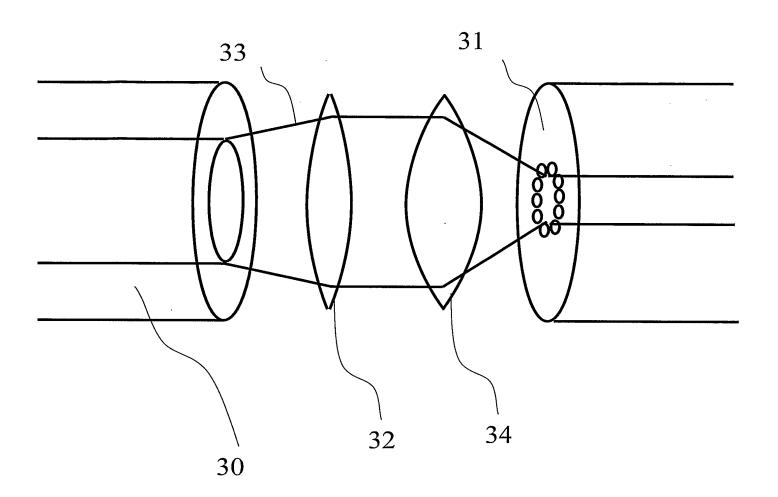


FIG. 13

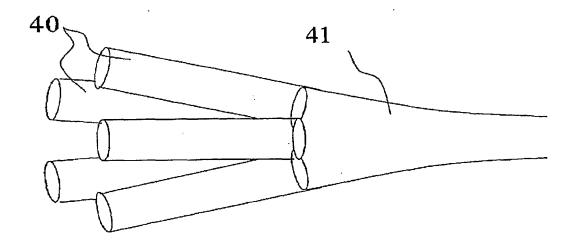


FIG. 14

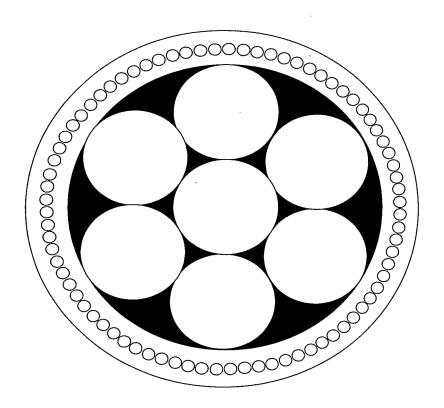


FIG. 15

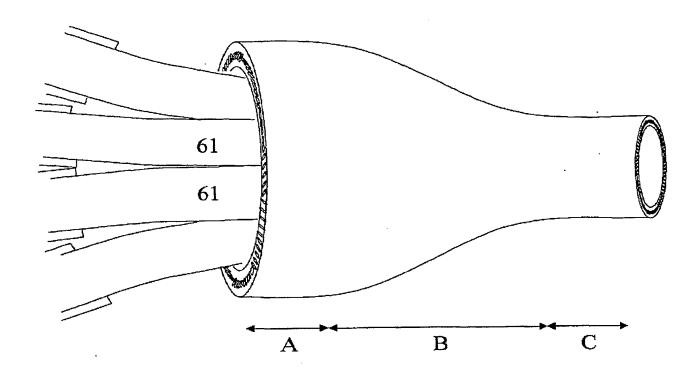


FIG. 16

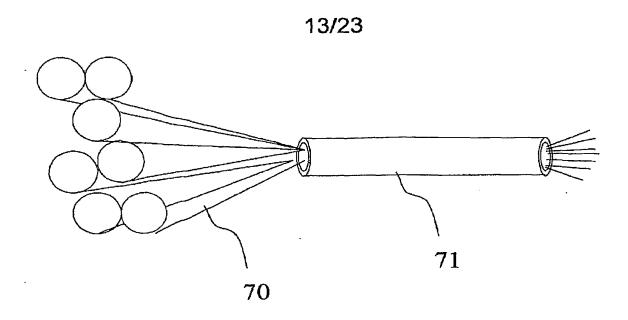


FIG. 17

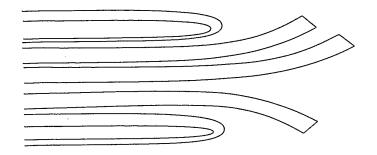


FIG. 18a

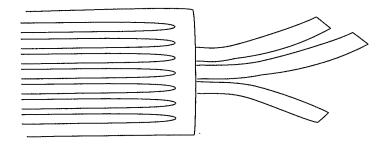


FIG. 18b

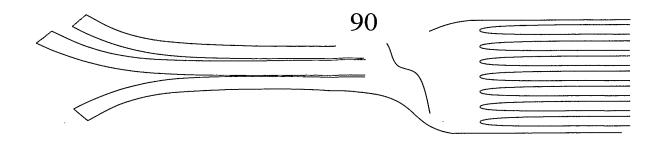


FIG. 19

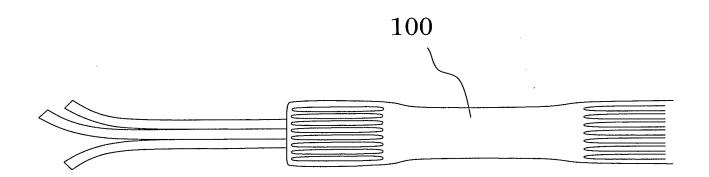


FIG. 20

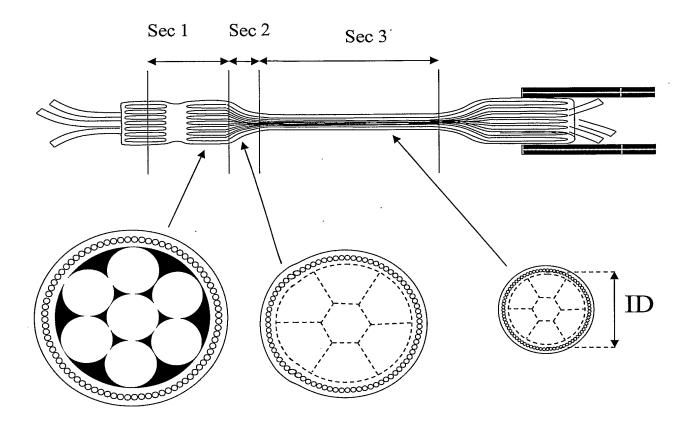


FIG. 21

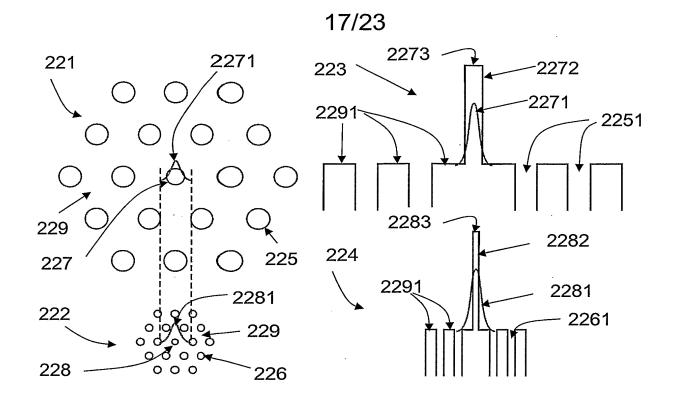


FIG. 22a

FIG. 22b

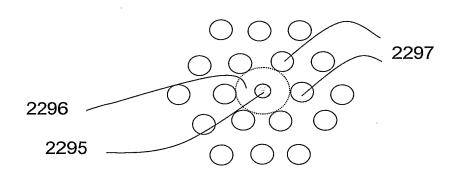
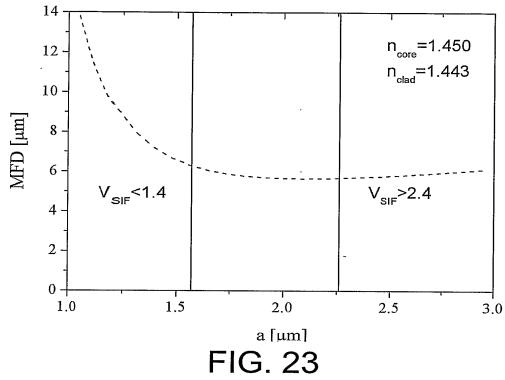


FIG. 22c



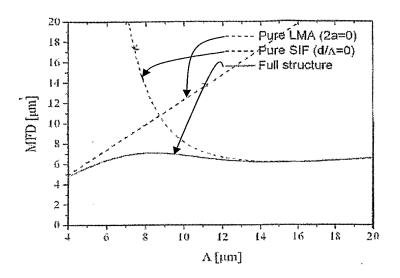


FIG. 24

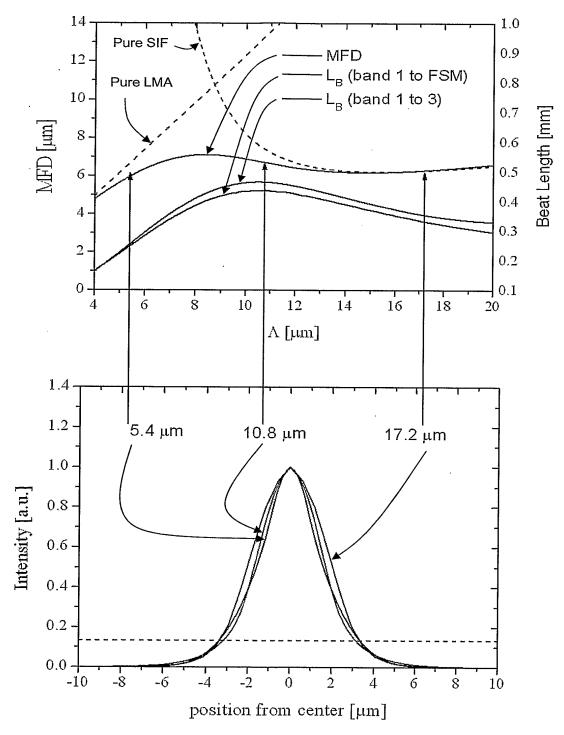


FIG. 25

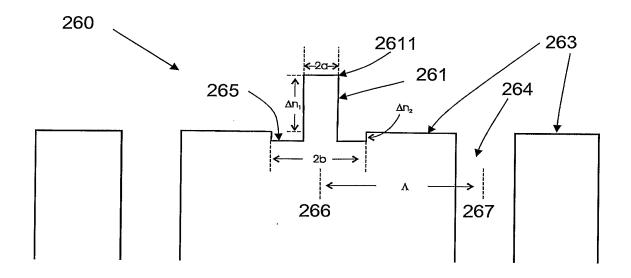


FIG. 26a

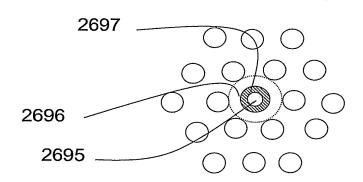


FIG. 26b

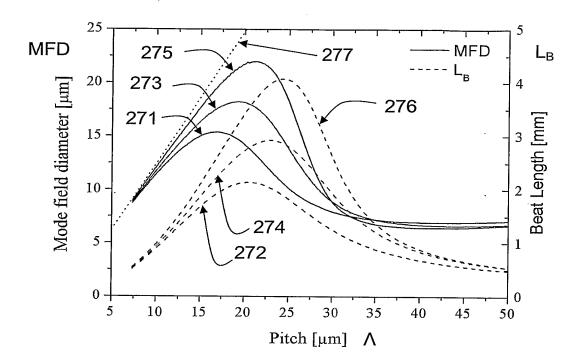


FIG. 27

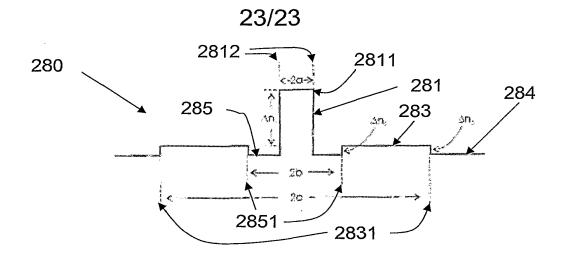


FIG. 28

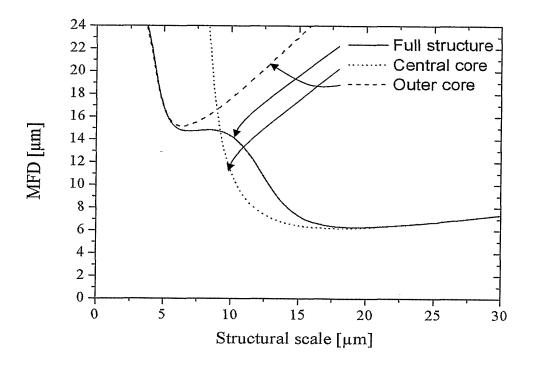


FIG. 29